

Name _____

Date _____

Developing a Hypothesis

When you write a hypothesis, you are proposing a possible explanation to some natural phenomenon, topic, or issue that you have observed. The hypothesis is never just a guess. It is always based on what is already known about the phenomenon, topic, or issue. A hypothesis that is developed correctly is a type of **claim**.

A CLAIM is a statement that clearly introduces an idea that is supported by evidence.

Step 1: What is the phenomenon, topic, or issue that you are investigating?

Step 2: What do you already know about this phenomenon, topic, or issue?

What I know...	How I know...
	Source: _____ (experimental data, notes, textbook, website....) This is a <input type="checkbox"/> primary source <input type="checkbox"/> secondary source
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Step 3: What is the question that you are asking about this phenomenon, topic, or issue?

Step 4: Make a claim based on what you already know or have learned about this topic or issue.

Step 5: If possible, rewrite your claim in “If-Then” format.
